The American Wireless Telephone and Telegraph Company the First Legally Organized in the United States, Has Demonstrated by Its Superior System, Its Supremacy, by Actual Working Tests During the Last Yacht Races, When It Interfered with Every Other System and Placed Them "Hors du Combat."

THIS WIRELESS SYSTEM WORKS

The True History of the Yacht Races, 1901, Shows the Great Superiority of the American Wireless Telephone and Teleoraph Company's System Over Our Foreign Rivals ... The Herald-Marconi Combination.

wires. The FIRST American patent the operating plants. more patents than any other company in the world, which American ingenwity and brains have invented and per-

THIS COMPANY ACTS AS A PAR-ENT COMPANY granting licenses to sub-companies to operate its system, and who are now preparing to install apparatus for operation. Our experimental stations at Galilee and Barnegat City, N. J., about 45 miles apart, will be ready in a few weeks for inspection and all stockholders are invited to witness the sending and receiving of "Wireless Messages."

The Company was organized November 1, 1899, and gave numerous public demonstrations during the following year. The first patent owned by the company, the "quasi" inventor of which, A. F. Collins, who could not build a masuggested by the president of the comchine successfully, because the idea was other, a bright young electrician named H. P. Davis, of Queen & Co., Philadelphia, who, with the president, made the invention work; then the valuable services of Prof. H. Shoemaker were secured, who, by his superfor knowledge and ability added successful improvements, and thus completed the efficiency of the Collins-Shoemaker apparatus, on which other letters patent were granted. Professor Shoemaker has brought this company's superior system to its present high efficiency.

On September 19, 1900, under the supervision of Professor Shoemaker, this company sent the first successful message from Camden, N. J., to the Philadelphia North American, crossing the following were incorporated, as apthe Delaware River, using the improved apparatus perfected by Professor H. Shoemaker, which was reported in the North American the following day. Through an error, this paper printed that the "quasi" inventor, Collins, was present, such was not the case, as the company had previously dispensed with his services. From this time on, the company's progress and development was rapid. Later on, the company acquired by purchase the first or pany acquired by purchase the first or entered complaint against him for Basic patent, No. 350,299, which it now \$100,000 damages; but, after Marconi owns.

During the past nine months very important progress has been made by this company; it demonstrated the entire efficiency of the system, not only during the yacht races, where, because of its superiority, it interferred with this company's foreign rivals, so that they could not get correct messages halted, thus stopping his infringement.

The owners of the Dolbear patent, saw through, on account of this company's interference while sending its dispatches; so much so, that their representative was compelled to come to edit; furtheraction can be taken at any this company's station and BEG ITS time against all infringers. The main PRESIDENT to interchange bulletins, or to allow them even every alternate five minutes to work their instruments, and keep the American Company's silent, so they could get messages through, during the interim.

The American Company also, by its system received signals and messages ways full of experienced electricians and men in training to experiment, ald's experts requested this company appeals for aid.

The American Wireless Telephone build, construct and install wireless and Telegraph Company's patents on instrumnets under the supervision of wireless telegraphy now embrace the Professor Shoemaker, and as soon as best and most efficient methods of send- they are competent, its sub-companies ing electrical communications without engage them to construct and install

granted being the Art or Basic patent, This company up to date has fulfilled of October 5, 1886, No. 350,299, which, every obligation which it set out to do, because of its ground and aerial ca- and all that it has advertised. It has pacity, controls the field for Electrical perfected the finest wireless tele-Communication Without Wires in graphy, superior in every respect, to America; supplemental to these are any system in the world today. It is American Company's system. From twelve other patents granted up to now up to the sub-companies to take date, while still other valuable patents hold and put the system into practical are pending, which gives the "Ameri- operation; the Federal Sub-Company can Wireless Telephone and Telegraph has assured the parent company that Company" the power to operate under they have purchased grounds at Baltifive separate and distinct systems. more and Washington, and are now Thus, this company controls and has erecting poles for the installation of an operating plant. The New England forces at work in the New England States, preparing to erect operative

> The American Wireless Telephone and Telegraph Company (parent company) is now ready to receive orders for LONG-DISTANCE wireless telegraph instruments, from its Sub-Companies so that they can install and operate the same at an early date.

The Herald-Marconi combination was very glad, indeed, to receive a license report the yacht races of 1899, of which sues the following challenge the following is a copy:

"In consideration of one dollar (\$1.00) and other valuable consideration, paid by James Gordon Bennett to the American Wireless Telepany, we were compelled to engage aninfringement of any patent or patents wned by said company for wireless telegraphy in the United States, in reporting the coming international yacht races during October 1899. Dated 26th of September, 1899.

American Wireless Telephone and Telegraph Company,

By L. C. Learned, Agt. Witness: William Harris. within. 26th September, 1899. New York Herald. James Gordon Bennett, Prop.

By W.C. Rieck, Witness: Thos. W. White.

Following the yacht races of '99 it was publicly stated that Marconi unsuccessfully tried to sell his system to the Government, and also formed a 00,000 stock company, of which peared in the public prints; Gugliemo Marconi, of London, England, Isaac L. Rice and August Belmont, of York, Clement A. Griscom, of Philadelphia, and Robert Goodbody, of Paterson, N. J. It is understood the New York Herald was also interested. When the owners of the Dolbear patent found Marconi intended to operate in America with so many millions back of him, they thought it was a good opportunity to secure damages from Marconi for infringement, and accordingly the owners of the Dolbear patent realized that he was brought into court e abandoned his scheme to sell stock in this country and his instruments; dropped the company, and left the shores of America for his "Dear Old England." When the case came into court, his company had been abandoned, his sale of instruments stopped, and the attempt to sell his system to United States Government was nothing in sight upon which to levy for \$100,000 damages, so the complaint was withdrawn and the judge dismissbject of the complaint at the time was to collect damages.

About a year ago, through a broker, the Herala tried to purchase a controlling interest of this company and ly, I am in the market for a new its patents, but the price seemed too high, and from what was understood at the time, they expected to sell this system to the Government, but per-haps there was not enough "rake-off" over 260 miles. Its laboratory is al- to pay the different parties who were interested; it is understood even Naval installed it for us, proves a success orders were in the scheme. The Heror or not inasmuch as they disregard all

to send its representatives to New fork and demonstrate its apparatus, which was done; subsequently, the ex perts and brokers came over to Philadelphia, made a thorough test and pro-nounced the workings of the system satisfactory, and far superior to Marconi's. They sent and received as high as forty words per minute, the copies of which are still in this company's possesison. They "lauded this company's system to the skies" at the time. This company then broke off negotiations for a higher price, and the deal was called off. NOW THE HER-ALD HAS NOT MONEY ENOUGH TO PURCHASE IT. This is probably the real reason why the Herald abused and libelled the American Company lauds the "Foreigner" Marconi and possibly it is the same "clique," the members of which are endeavoring on the Government, and by the American Company's reporting successfully and correctly the yacht races, and inthey could not receive correct and com- tain descriptions of apparatus employed Marconi-London Combination. This is render said patent so inoperative or the real reason why the Herald vents invalid, arose from inadvertance or its spleen upon it and prints mislead-Marconi on the brain for two years, the part of the deponent (Marconi). but hasn't done anything yet, but to exploit him as much as possible. The American Company desires to say to the public DON'T BE DECEIVED by and this company's superior system, the result of American ingenuity and brains.

mpany unqualifiedly asserts that its system ALONE successfully reported he exhibited it publicly and worked the the complete races, much to the chagrin of its foreign rivals who were discomfited by our success and de moralized by their utter inability to cope with the merits of the superior all sources obtainable, we understand Herald-Marconi-Associated Press combination used carrier pigeons, wig wagging by flags, and fast steam tugs as dispatch boats for carrying their wireless news ashore, so you can see the "sour grapes" of the Herald attached to their malicious statement The New York Herald abuses and li beled us, because, we prevented them sub-Company, it is claimed, have their from receiving correct wireless mes sages, during the yacht races. It makes them howl. We are sorry for them. The Electrical World and En gineer," in their issue of October 12 states that we placed the others "hors du combat.

The whole basis of attack of the en tire combination of "millionaire An glo-Americans" is inspired by envy and ealousy and we can refute their charges and substantiate our claims before the intelligent American public by affidavits and reliable witnesses.

In order to prove to the general pullic, the veracity of this company or permit from the American Wireless claims, and the falsity of its rival's Telephone and Tleegraph Company to statements, the American Company is-

\$10,000 CHALLENGE.

The American Wireless Telephone and Telegraph Company will sail over the same course of yacht races and patches proved of considerable value even further, using the same instruments and code, while our rivals, the numerous editions against said Bennett, based upon the were used at the yacht races, and if Marconi combination shall pay to Dr. G. P. Gehring, of the American Company \$10,000. And if they do not suc ceed in sending their dispatches, donate the \$10,000 won from its rival expected, as they were sent us The New York Herald agrees to the of New York and Philadelphia; or that to place on our bulletin board the of the respective mayors of each city, tire series of races. for equal distribution to the poor.

Both systems are to be used simultaneously, same as in the yacht races which will prove that Marconi will no get his dispatches, even as the Her-ald says he did NOT during the yacht races of 1901; and, further, if the Amer can Company succeeds in sending its dispatches, the Herald shall pay to the American Wireless Telephone and Tele graph Company \$100,000 exemplary damages for its malicious and libelous statements. Dr. G. P. Gehring's \$10, 000 will be deposited in any bank agreed upon, immediately upon notification of the acceptance of this challenge, as the guarantee of good faith on the part of the American Company. Our rivals, the Herald combination is to make a similar deposit within three days from date, in the same bank; the tests to take place within ten days from date of acceptance

Much has been published by the Herald and its correspondents regarding the Great (?) Marconi Triumps, and with much glee about the success of the English Marconi System in the HAWAIIAN ISLANDS. Read the following letter and judge for yourself: October 29, 1901

American Wireless Telephone and Telegraph Company,

Philadelphia, Pa. GENTLEMAN: As president and manager of the Inter-Island Telegraph Company, Ltd., of Honolulu Territory of Hawaii, I write to state that about two years ago, I made a contract with the Marconi Wireless Telegraph and Signal Company, of London, England, for the purpose of establishing and in-stalling their system of telegraphy be ween the islands. They HAVE NOT ived up to the letter of their agree SATISFACTION I desire; conseq system; if you are in a position to guarantee satisfactory results with yours, I will be pleased to consider a proposition from you. The Marconi people appear to be careless as whetner their system, as they have

F. J. CROSS.

Marconi applied for patents for wire-ess telegraph instruments on December 7, 1896, and received his patent July 13, 1897, claiming it was his dis-covery and invention. On April 1, 1:01, nearly four years later, Marcon applied for a reissue of this pat-ent and swore to the following:

"That deponent (Marconi) verily be

ieves that the letters patent No. 586,

ed, referred to, and

herewith surendered, are INOPERATIVE or invalid, for the reason that the specifieation thereof is defective, and that such defect consists particularly in the patentee (Marconi) CLAIMING AS HIS INVENTION OR DISSIVERY to unload the inferior Marconi system MORE than he had a right to claim as new, and particularly that some of the claims of said letters patent, No. 586, and correctly the yacht races, and in-terfering with their dispatches so that terms, apparatus referered to in cerplete messages while it was operating, by one, Professor Popoff, and contain-their plans were spoiled, and thus the American Company incurred the animosity of its RIVALS, the Herald-Volume 28, 1886, and the errors which its spleen upon it and prints mislead-ing statements. The Herald has had fraudulent or deceptive intention on For the benefit of the public, we would state that aside from Professor Dolbear, the American inventor, who received the first patent in the United its jealous and envious rivals, who, States for electrical communication even though they own and control cerwithout wires, October 5, 1886, using tain newspapers, cannot combat facts an induction coil, with ground and aerial capacities without which no electrical communication can be sent. Professor A. S. Popoff, of the Torpedo Concerning the Herald-Marcon-Asso-cated Press controversy with this com-pany during and following the yacht modern wireless telegraph instrument races (September 26 to October 4), this with a coherer, induction coil, tapped, relay sounder orlane and ground wires same on April 25, 1895, and published an account of it in the above stated journal, which was translated and published in other Eupropean journals and papers. In these papers the con-struction of the Popoff instruemnt, with

illustrations of the same, were printed so that any person of ordinary electrical knowledge could build and operate the same as Professor Popoff operated his. Eighteen months after Professor Popoff gave his public demonstration showing his wonderful invention, Mar coni, then a student in London, applied for a patent for apparatus on identica lines, the same as Professor Popoff publicly demonstrated. The public judge for themselves to whom the hon or of this wonderful invention is due

and to whom it legitimately belongs. The following letters are self-explanatory, relating to this company's servce during the last yacht races: The Evening Bulletin.

W. L. McLean, President, Philadelphia, Oct. 2, 1901.

American Wireless Telegraph and Telephone Co, Philadelphia, Pa.: GENTLEMEN: During the progress of he recent international yacht races, the Bulletin received dispatches from the merican Wireless Telegraph Company. They reached this office so expeditiously that window bulletins were shown n the street with greater promptness than ever before in the long history of the cup races. The wireless disin reports of the contest issued in our

> Very truly yours, CHARLES EDWIN SHULL. Assistant Manager.

dispatches to the station, the Herald- Business Depart., Philadelphia Record. Philadelphia, Oct. 18, 1901 GENTLEMEN: We desire to congratulate you upon the excellent service renedered us in furnishing bulletins G. P. Gehring, of the American Com- of the recent international yacht races. pany will forfeit \$10,000. Provided, With but few exceptions, they were rethat the successful contestant shall ported accurately, but that was to be to the Mutual Charities of the Cities CONTINUOUSLY that we were enabled the sum named be placed in the hands movements of the boats during the en-

Very truly yours, R. G. OELLERS, Business Manager.

Editorial Department The Philadelphia Inquirer. Paid circulation vesterday, 183,344.

Philadelphia, Oct. 9, 1901. GENTLEMEN: It is gratifying to ac knowledge the good service rendered by your company in furnishing the quirer with bulletins of the international vacht races. We were en abled thereby to give the public prompt and correct reports of the movements of the yachts as they passed over the Yours truly, course.

JOSEPH ROBINSON Managing Editor.

The Evening Telegraph. Philadelphia, Oct. 26, 1901 American Wireless Telephone and Tele graph Co.

1345 Arch St., Philadelphia, Pa. GENTLEMEN: The practicability and he utility of wireless telegraphy were first demonstrated to us in the very excellent service which your company gave us during the international yacht

If there were a doubt in my mind of the material value of this invention it was entirely dissipated by the accuracy with which you reported those contests applementing our other facilities, it enabled us to promptly give to the public all the details of that international vent with completness.

Yours respectfully, E. J. SWARTZ. Managing Editor.

The Philadelphia Item. Philadelphia, Oct. 10,

GENTLEMEN: Accept our congratulaoon your success in covering the lumbia-Shamrock races for the merica's cup. Your report of the ene series was accurate and remark-y rapid. In many instances LESS

Hoping to hear from you, at an early the way of showing how wonderfully now there is interference and late as is convenient, I am, believe useful wireless telegraphy is proving. Yours very truly,

HARRINGTON FITZGEBALD, Managing Editor.

HOW THE YACHT RACES WERE REPORTED BY THE AMERICAN WIRELESS TELEPHONE AND TELEGRAPH COMPANY

of Baltimore, Capt. W. S. Boyer, and vards from the steamboat wharf, where THE FIRST RACE, Thursday, N. J., to Atlantic Highlands is about 30 miles, therefore the "Herald's story" misleading.

tire satisfaction. The Company's receiving station was 12 miles below trelly. Would you take \$1.000 to with-sandy Hook at the little village of Gali-lee, where the Company's resulting the where the Company's resulting the whole station was 12 miles below the said. lee, where the Company received all \$10,000 would I withdraw." frequently, as rapidly as two minutes, company they were displayed on the bulletin boards of the newspapers.

GEHRING'S STATEMENT RE. three-quarters of an hour. GARDING THE ARRANGEMENT WITH THE ASSOCIATED

PRESS. manager of the Associated Press, came news to the associated press for \$15. With our 2,300 papers, you could not 500." I stated, "that we would have furnished all the news for cost of reporting." He stated also "that Marconi's company had permission to go inside the lines of the yacht course on the Associated Press boat "Mindora," and that we had no show whatsoever to report the yacht races; that there was a Chicago party at Seabright, one m.le above us, who were also going to report the races." Mr. Upperman the preceive on our instruments and then receive on our instruments and then receive on our instruments and him that was agreeable to me and he fair play with no favors to left.

On the following day, September 26, ed Press the race bulletins,

erators on board our dispatch boat who alternately sent telegrams, however, doubt Mr. Stone will back me up He then told me that Marconi's service people to live up to this agreemnt.

requested by 'phone from the Associated Press office to make some kind of Chicago concern of the Publisher THAN THREE MINUTES ELAPSED, terms with our company, so the Mar- Press, at Seabright, all in one day. between the time of the manoeuvre and the receipt of the bulletin about moniously together, or join forces and out of your influence." I answered, it in this office. Your success in this report the yacht races together and out of your influence." I answered, way, leaves nothing to be desired in both get credit in the press; as it is "No matter where they go, within 100

tions for trial for the next race. One proposition was, that we withdraw our boat and let Marconi's boat alone report, because they had permission to go inside the racing lines; while ours could not, that they had the finest and fastest boat and that we could receive the dispatches on our receiving appara-tus. I answered, "We are here to re-The Company chartered the swift, port the races and are doing it to the 100-ton schooner "Maid of the Mist," best of our ability, WE HAVE NOT best of our ability, WE HAVE NOT ASKED YOU FOR ANYTHING and used her as a dispatch boat and transmitting station to report the yacht races; this boat was equipped with Wireless Apparatus with her crew and "they had contracted with Marconi Wireless Apparatus with her crew and a force of three of the Company's operators in charge of instruments, leaving Philadelphia Monday, September 23, 9 p. m., for Atlantic Highlands, N. J., by way of the Delaware and Raritan Canal, in tow of a tug boat. They arrived at Bordentown, N. J., Tuesday, September 24, at 6 a. m., and at New Brunswick, N. J., at the last lock whatever. Now, if you agree and work New Brunswick, N. J., at the last lock of the canal at 5.25 p. m., reaching Atlantic Highlands Tuesday. Atlantic Highlands Tuesday, September 24, at 11.30 p. m., anchoring 100 papersjointly with Marconi's company." I said, "Well, if Marconi will furinsh the vessel laid and NEVER WENT us his 'code' so we can read as dis-OUTSIDE of "The Hook" and NEVER patches, I would not mind trying it for MADE ANY TEST TILL THE DAY station, and receive all dispatches sent September 26. From New Brunswick, on our receiving instruments at our station." He then said, "Marconi N. J., to Atlantic Highlands is about 30 miles, therefore the "Herald's story" that the Associated Press boat "Mindora" met the "Maid of the Mist" outside of Sandy Hook and spoke to her, and the crews of both boats black- over it, providing, however, that under guarded each ohter, is a "Fake," pure no circumstances will we take our disand simple, and only existed in the imagination of our rivals, the Formessages and which would be only configuration. eigner Marconi-Herald Press outfit whose other particulars and version of not trying to trick us, for I do not the yacht race are untrue, false and trust you or our Italian competitor and believe you're up to some scheme The American Company chartered to get me inot a trap." He said, "No, the large ocean-going tug "William J. Doctor, you wrong me, all we want is Sewell" to tow their dispatch-boat "Maid of the Mist" around the yacht race course, which it did to their entire satisfaction. The Company's re-

dispatches on its wireless instruments, "All your people heard me give the which were transmitted from the Marconi people fits over the 'phone this 'Maid of the Mist' and from there the morning. Well, its warm here-so bulletins were sent to the newspapers, frequently, as rapidly as two minutes, with me towards the station and agree and through the splendid and efficient service of the Western Union Telegraph on some plan." Captain Lockwood excused himself and Mr. Upperman and cused himself and Mr. Upperman and myself walked over to the station and sat in the waiting room and then outside on a truck and talked for nearly

He then made several propositions for harmony between Marconi's Company, the Associated Press and the On Wednesday afternoon, September 25, 1901, one, W. Upperman, who represented himself as the assistant our 2,300 papers; we contracted for the manager of the Associated Press, came to Galilee, N. J., the station of the Marconi service and here you come on American Wireless Telephone and Telegraph Company, at Lockwood's House and stated to Dr. Gehring, president of the American Wireless Telephone and Telegraph Company and Tele phone and Telegraph Company and Capt. Nelson Lockwood, "that he represented the Associated Press, that he capture of the company, however, let us agree on the capture of t made a contract with the Marconi the next race; I will make this prop-Company, of London, England, who osition to you; only lets get together, was to furnish the wireless telegraph news to the associated press for \$15, with our 2,300 papers, you could not the control of the control of

thought that the different systems then receive on our instruments and might interfer with each other. I told him, "No. "I had no fear of that as let our Company report one race and far as our getting the bulletins was we will furnish all the news, and we concerned. He suggested that we will then let Marconi report the next each work every alternate five minutes race or vice versa, for the last race we so that we would not conflict. I told will toss up a penny; all we want is Upperman said, "How would this do, you withdraw your boat entirely and Mr. Upperman rushed into our tele- let Marconi's boat send bulletins, which graph office at Galilee, called up Mar. you can receive on your own instruconi people at Nevarsink Highlands ments, and send them to your papers, and swore at them because they could get no bulletins, stating that these people here (meaning the American Company) were getting them very nicely without trouble; he then asked me to the racing lines while you have to sail give our bulletins to the Associated on the outside. I answered, "But in Press; I demurred; he then stated that spite of your fine boat and permisthey could get no bulletins from Mar. sion, we stopped you from reporting." they could get no bulletins from Mar-coni, that his service was rotten and My answer to this proposition was, "If no good and we interfered with the Marconi will give us his code, and take working of the Marconi system, and out his receiving instruments and use that if the American Company refused ours, we will allow him to report one to give him their bulletins, they would do them lots of harm and ruin the said. "Or will you agree to send dis-Company, that the Associated Press patches from your boat, only every half was all powerful; that on the other hand if the company would give him their bulletins, the Associated Press letins, we will send you in return those would give the American Company which we receive in the interim, in due credit for it in 2,300 papers, which other ords, we was to reciprocate and they represented, and would help us in exchange bulletins so that your comevery way. I then acceeded to his request and he ordered a "loop" cut in from the Western Union office to their New York office, as he wanted it, in the under dog, the Herald is booming THREE MINUTES, and the American Warconi, and OTHER PAPERS RE-Wireless Telephone and Telegraph Company then furnished the Associat- they might pitch into your ocmpany and ruin you so it is best to compro On the afternoon of the 26th, after mise, and come off your high horse. On the afternoon of the 26th, after the race, Mr. Upperman closed the doors and then made the following proposition to me in the presence of Captain Nelson Lockwood, in whose house we were, saying, "Doctor, now you have received very nice bulletins, excepting one mistake, but your bulletins are not long enough, they are too."

Mise, and come off your high horse. I know that your system works better than Marconi's, but still Marconi has the name; and by our publishing the notice in our papers that we receive the news from the American Wireless Telephone and Telegraph Company, 'o my way of thinking is enough; it will be published for and wide and tins are not long enough, they are too be published far and wide and ma'e brief, and the men on your boat ought your company known, and if your Conto have a good Associated Press repany and Marcon, want to fight it or to porter." I told him we had three opwe are satisfied with our service, this; besides, I will get the Marcowas simply rotten and no good and if holding a meeting tomorrow. If the had not been for us the Associated do not agree, we will discard their ret Press would have had no bulletins that ten service and make terms with your day. He stated then that he had been Company; you have made a good day's record, knocking out Marconi and the